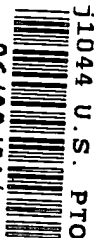


06/20/01



J1044 U.S. PTO

6-21-01

PTO/SB/05 (03-01)

Please type a plus sign (+) inside this box → ☐

Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

E1047/20056

First Inventor

Glen H. Erikson

Title

NUCLEIC ACID MULTIPLEX FORMATION

Express Mail Label No.

EL 781455600 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202311. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.3. ☒ Specification [Total Pages 110]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 26]

5. Oath or Declaration [Total Pages]

- a.
- ☐
- Newly executed (original or copy)
-
- Copy from a prior application (37 CFR 1.63 (d))
-
- b.
- ☐
- (for continuation/divisional with Box 18 completed)

i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).6. ☐ Application Data Sheet. See 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)a. ☒ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); orii. ☒ paper - in specificationc. ☒ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))10. ☐ 37 CFR 3.73(b) Statement [Power of Attorney
(when there is an assignee)]11. ☐ English Translation Document (if applicable)12. ☐ Information Disclosure Statement (IDS)/PTO-1449 [Copies of IDS Citations]13. ☐ Preliminary Amendment14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.17. ☐ Other:18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP)

Prior application information:

Examiner

Forman & Wilder

of prior application No.:

09/664,827; 09/613,263; and
09/468,679

Group Art Unit: 1655

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

(Insert Customer Number or Bar Code Label here)

or ☐ Correspondence address below

Name

03000

PATENT TRADEMARK OFFICE

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Allan H. Fried

Registration No. (Attorney/Agent)

31,253

Signature

Allan H. Fried

Date

June 20, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on
the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC
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Washington, DC 20231.Jc978 U.S. PTO
09/665731

06/20/01

09665731-062001

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)
790.00

Compleat if Known

Application Number

Filing Date

June 20, 2001

First Named Inventor

Glen H. Erikson

Examiner Name

Group Art Unit

Attorney Docket No.

E1047/20056

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number

03-0075

Deposit
Account
Name

Caesar, Rivise, et al.

- ☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

- ☒ Applicant claims small entity status.
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money
Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$)

101 710 201 355 Utility filing fee

106 320 206 160 Design filing fee

107 490 207 245 Plant filing fee

108 710 208 355 Reissue filing fee

114 150 214 75 Provisional filing fee

Fee Paid

355

SUBTOTAL (1) (\$)
355

2. EXTRA CLAIM FEES

Total Claims 55 -20** = 35 x Fee from below 9 = 315
Independent Claims 6 -3** = 3 x 40 = 120
Multiple Dependent 0 = 0

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$)

103 18 203 9 Claims in excess of 20

102 80 202 40 Independent claims in excess of 3

104 270 204 135 Multiple dependent claim, if not paid

109 80 209 40 ** Reissue independent claims
over original patent

110 18 210 9 ** Reissue claims in excess of 20
and over original patent

SUBTOTAL (2)

(\$)
435

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee Code	Fee Code	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)
0

SUBMITTED BY

Name (Print/Type)

Allan H. Fried

Registration No.
(Attorney/Agent)

31,253

Complete (if applicable)

Telephone

215-567-2010

Signature

Allan H. Fried

Date

June 20, 2001

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Applicant(s) : Glen H. Erikson, et al.
Invention : NUCLEIC ACID MULTIPLEX FORMATION
Docket No. : E1047/20046

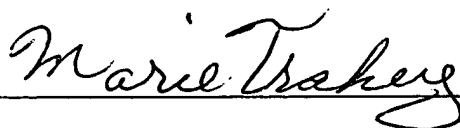
This is a utility patent application which includes the following:

1. Utility Patent Application Transmittal Letter
2. Fee Transmittal for FY 2001 in duplicate
3. Drawings – 26 sheets
4. Specification – 87 pages
5. 55 Claims – 12 pages
6. Abstract – 1 page
7. Sequence Listing - 10 pages
8. Sequence Listing Diskette
9. Statement Regarding Sequence Listing Diskette
10. Return Receipt Postcard

"Express Mail" Mailing Label No. **EL 781455600 US**

Date of Deposit **June 20, 2001**

I hereby certify that the above-identified documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, Box PATENT APPLICATION, Washington, D.C. 20231



Marie Trahey

100290-TEZ58860

Applicants: : Glen H. Erickson, et al.
Invention : NUCLEIC ACID MULTIPLEX FORMATION
Docket No. : E1047/20056

STATEMENT REGARDING SEQUENCE LISTING DISKETTE

The Sequence Listing information recorded in computer readable form on the enclosed Sequence Listing diskette is identical to the written Sequence Listing in the patent application filed herewith.

Respectfully submitted,

CAESAR, RIVISE, BERNSTEIN
COHEN & POKOTILOW, LTD.

June 20, 2001

By Allan H. Fried
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T000290.7E29860